

FIGURE 1

FOUO 8226850

CLASS
DRAFT

Probability Range	Total # Tested	# Pass	% Pass	# Fail	% Fail	# inflammation	% Pass wo/inflammation *
<40.5%	10	0	0	10	100		
40.5-50%	16	10	62.5	6	37.5		
50-60%	36	25	69.4	11	30.6	9	94.4
60-70%	41	27	66	14	34	12	95
70-75%	22	16	72.7	6	27.3	6	100
75-80%	19	14	73.7	5	26.3	5	100
>80%	60	53	88.3	7	11.7	7	100
Grand total	204	145		59			

FIGURE 2

10E040" 82/46860

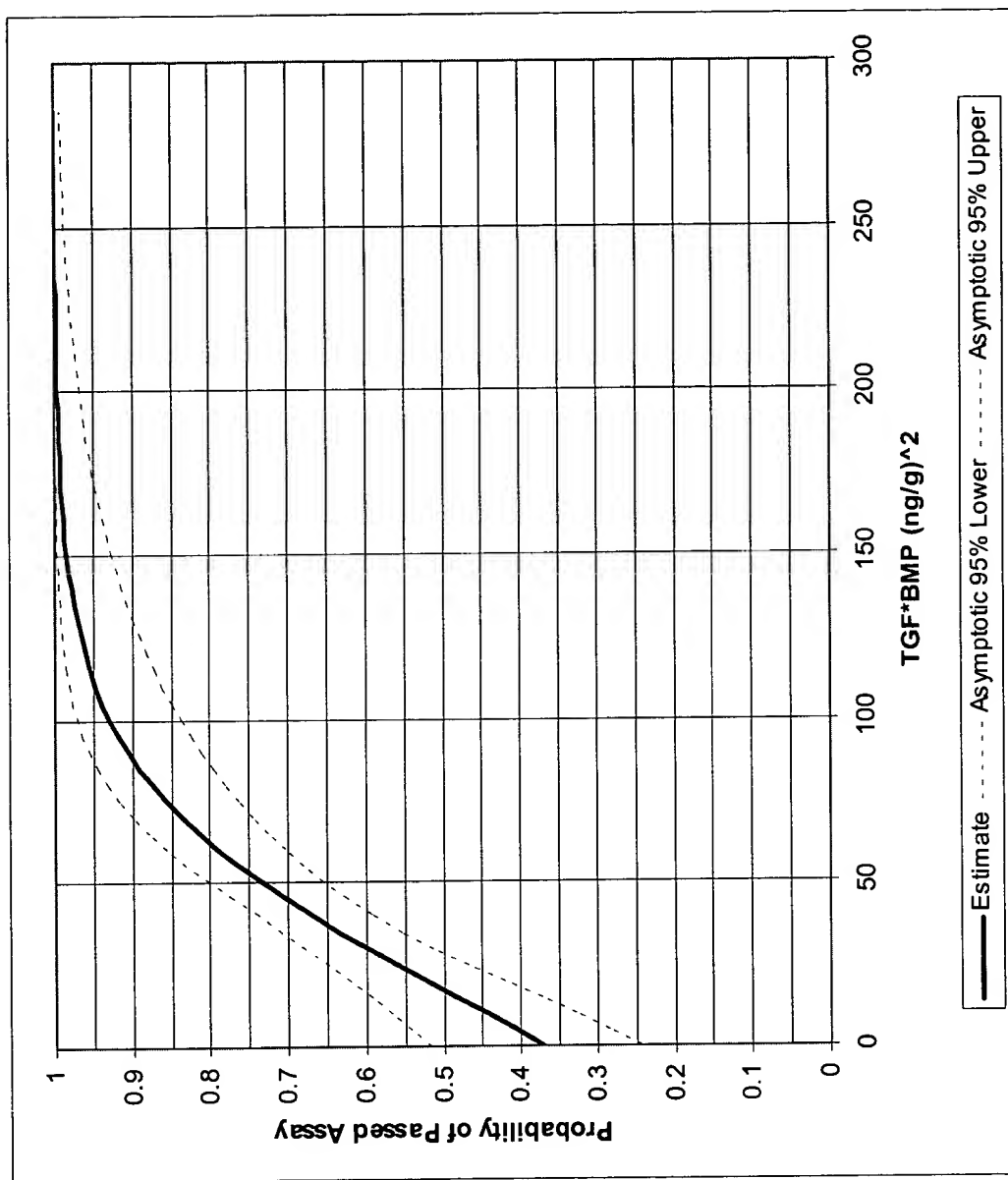


FIGURE 3

[illegible]

Observed and Logistic Estimate
of the Percent Rat Assays that Pass OsteoInductivity

vs

The Measured BMP* TGF-b1 (ng/g)²

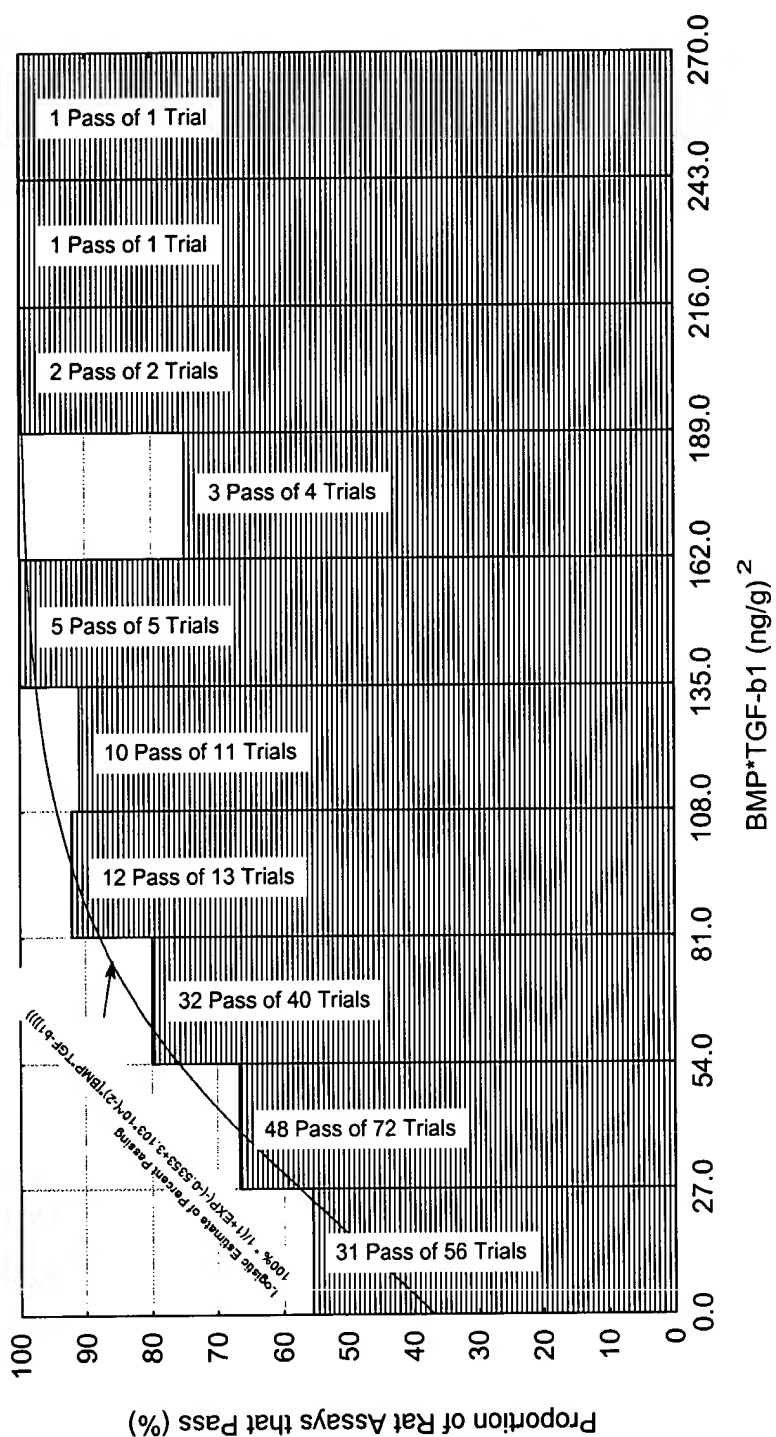


FIGURE 4

FOUO" 82246860

Distribution : BINOMIAL

Link function: LOGIT

Level of

Effect

Column

Estimate

Error

Standard

Stat.

p

Interc

BMP*TGF

Scale

1 -0.535299 0.306756 3.045135 0.080979

2 3.1E-08 6.97E-09 19.82913 8.47E-06

1 0

FIGURE 5

TOP SECRET 8226860

	mean	st. dev.	minimum	maximum
BMP	538.5	384.73	15.6000	2179.5
TGF	102666.3	50908.00	886.2000	417608.0
RATASSAY	.7	.46	0.0000	1.0

FIGURE 6

T0E040" 82246860

	Const.B0	BMP	TGF
Estimate	1.36196	-.00246	-.00001
Standard Error	.51127	.00066	.00000
t(190)	2.66390	-3.73437	-2.71528
p-level	.00839	.00025	.00723
-95%CL	.35347	-.00376	-.00002
+95%CL	2.37045	-.00116	-.00000
Wald's Chi-square	7.09634	13.94552	7.37275
p-level	.00773	.00019	.00663
Odds ratio (unit ch)	3.90383	.99754	.99999
-95%CL	1.42400	.99624	.99998
+95%CL	10.70216	.99884	1.00000
Odds ratio (range)		.00486	.01388
-95%CL		.00029	.00062
+95%CL		.08099	.31036

FIGURE 7

108020" 8226860

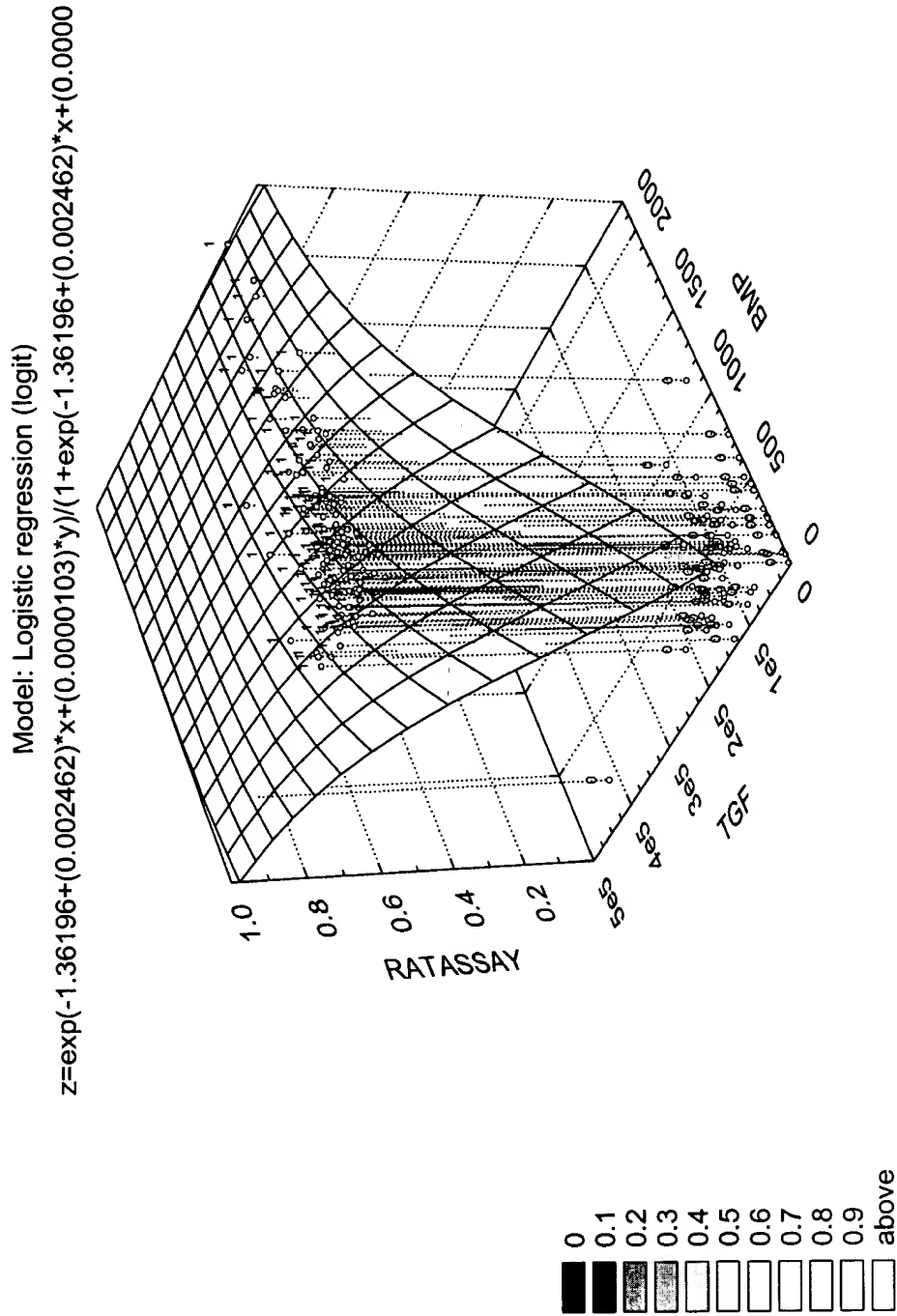


FIGURE 8

FOE070" 82746860

CLASS
SUBCLASS
CRAFTS

Model: Logistic regression (logit)
$$z = \exp(-1.36196 + (0.002462) * x + (0.0000103) * y) / (1 + \exp(-1.36196 + (0.002462) * x + (0.0000103) * y))$$

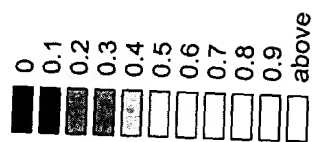
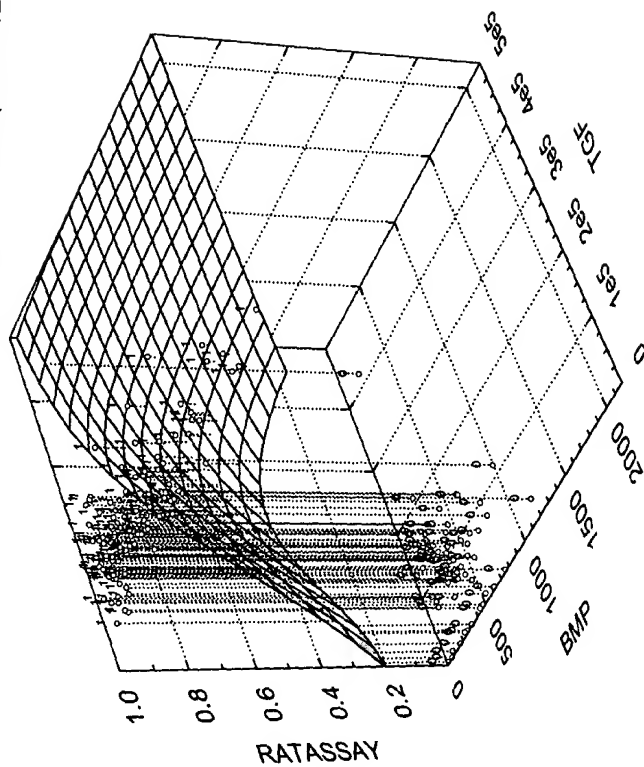


Figure 9

FOUO" 8246360

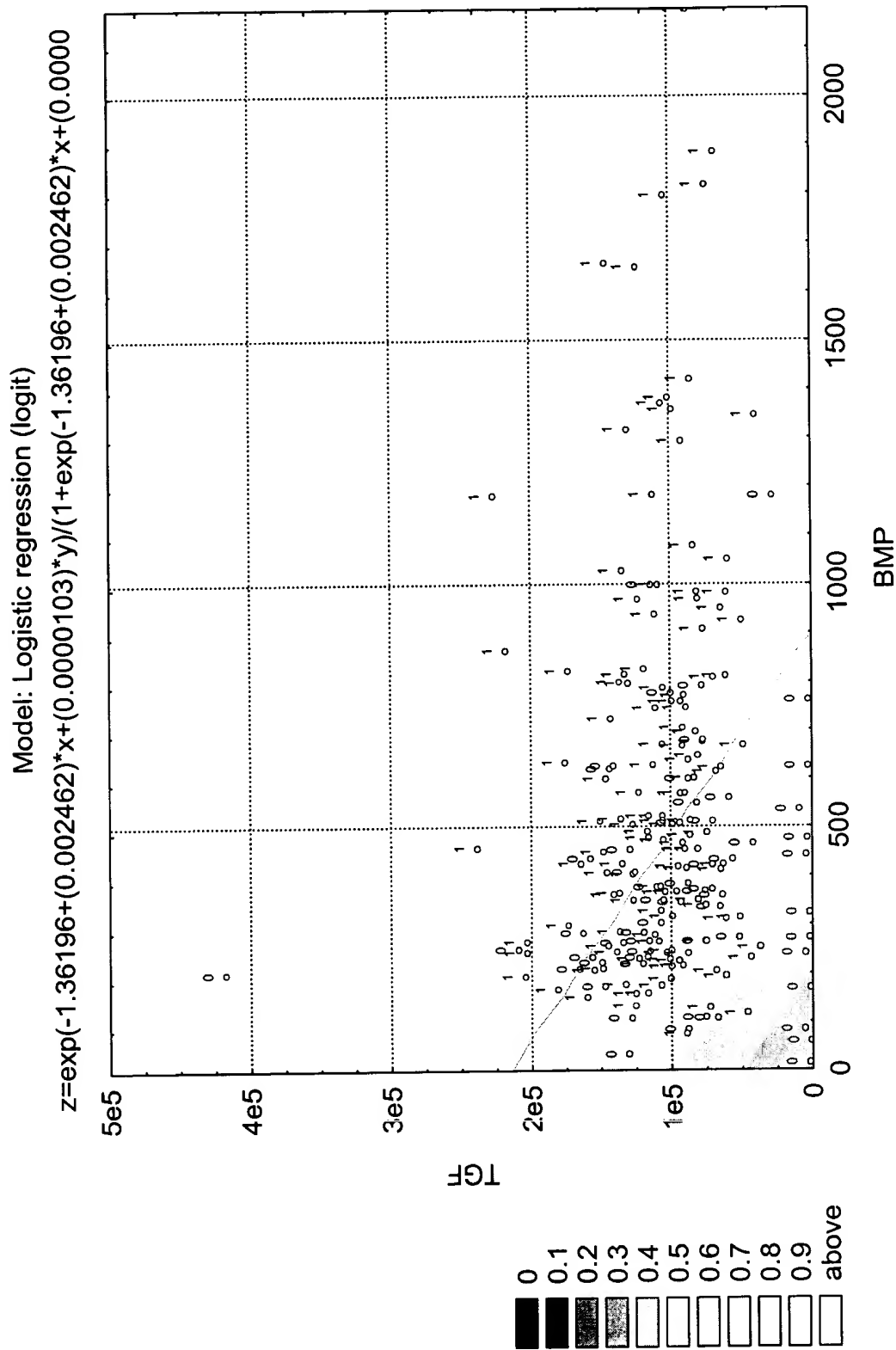


FIGURE 10

FOE040" 82/6860

Predictor	Coef	StDev	Z	P	Odds Ratio	95% CI Lower
Upper						
Constant	-0.3123	0.6476	-0.48	0.630		
BMP	-0.000584	0.001451	-0.40	0.688	1.00	1.00
1.00						
TGF	-2.240E-06	6.3731E-06	-0.35	0.725	1.00	1.00
1.00						
BMP*TGF	3.7291E-08	1.7152E-08	2.17	0.030	1.00	1.00
1.00						

Log-Likelihood = -102.711
Test that all slopes are zero: G = 32.206, DF = 3, P-Value = 0.000

FIGURE 11

10E040" 324660

3D Contour Plot (Elisa.STA 10v*194c)

$$z=1/(1+\exp(-(-0.3123-0.0005835*x-2.240E-06*y+3.7290E-08*x*y)))$$

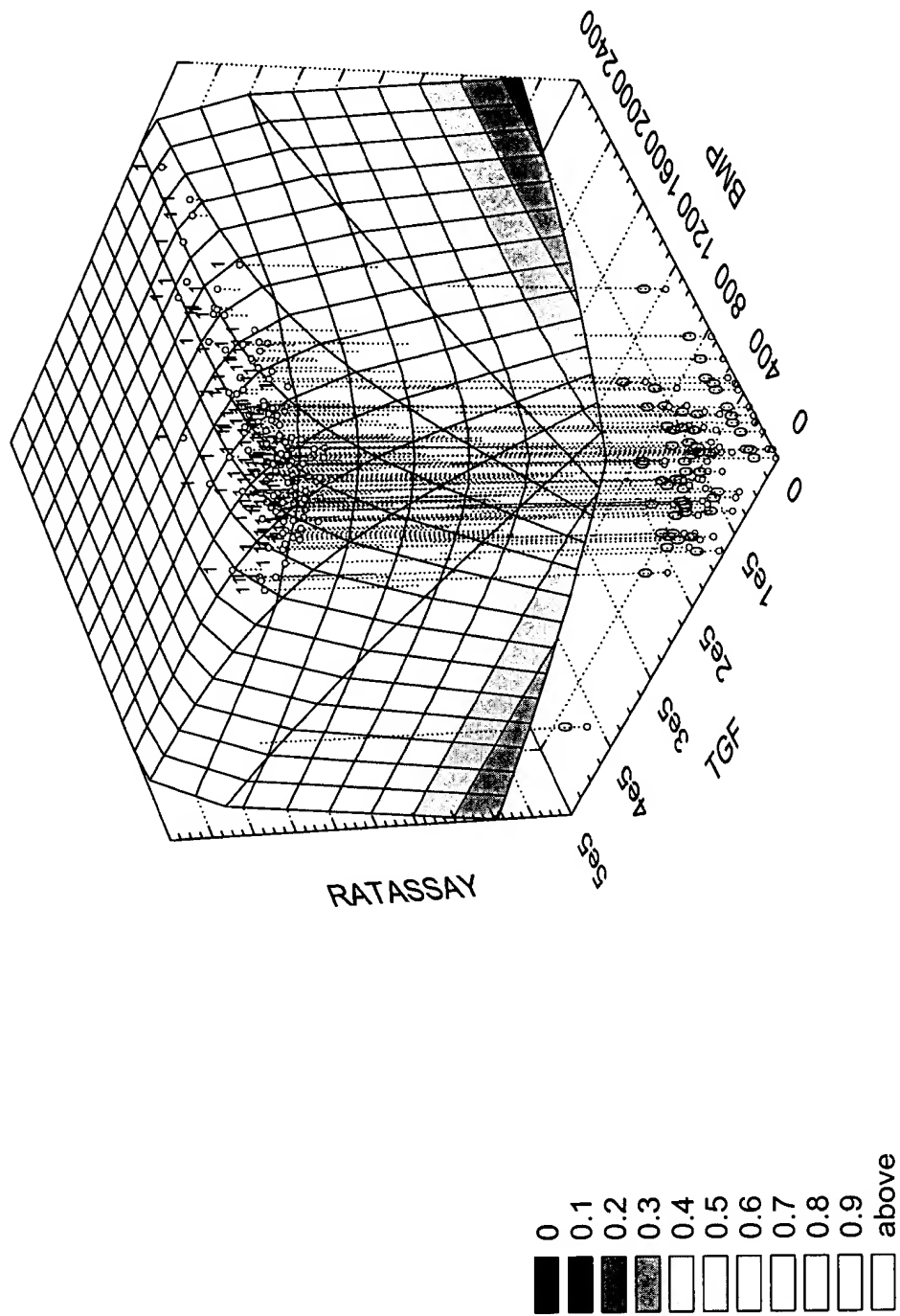


FIGURE 12

FOE040" 8246860

3D Contour Plot (Elisa.STA 10v*194c)

$$z=1/(1+\exp(-(-0.3123-0.0005835*x-2.240E-06*y+3.7290E-08*x*y)))$$

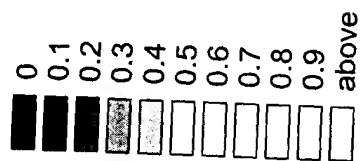
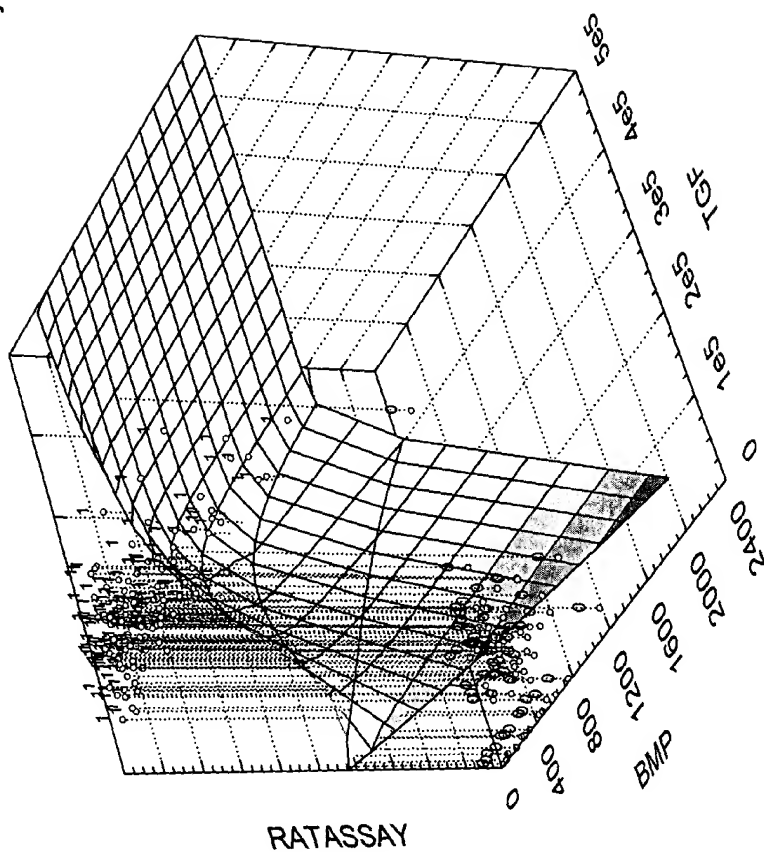


FIGURE 13

FOUO" 8246860

RATASSAY - Parameter estimates (elisa.sta)

Distribution : BINOMIAL

Link function: LOGIT

Level of		Standard		Wald	p
Effect	Column	Estimate	Error		
Interc	1	-0.535299	0.306756	3.045135	0.080979
	2	3.1E-08	6.97E-09	19.82913	8.47E-06
BMP*TGF					
Scale				1	0
Statistica '99					

FIGURE 15

FOUO 020 8246850

3D Contour Plot (Elisa STA 10v*194c)

$$z=1/(1+\exp(-(-0.3123-0.0005835*x-2.240E-06*y+3.7290E-08*x*y)))$$

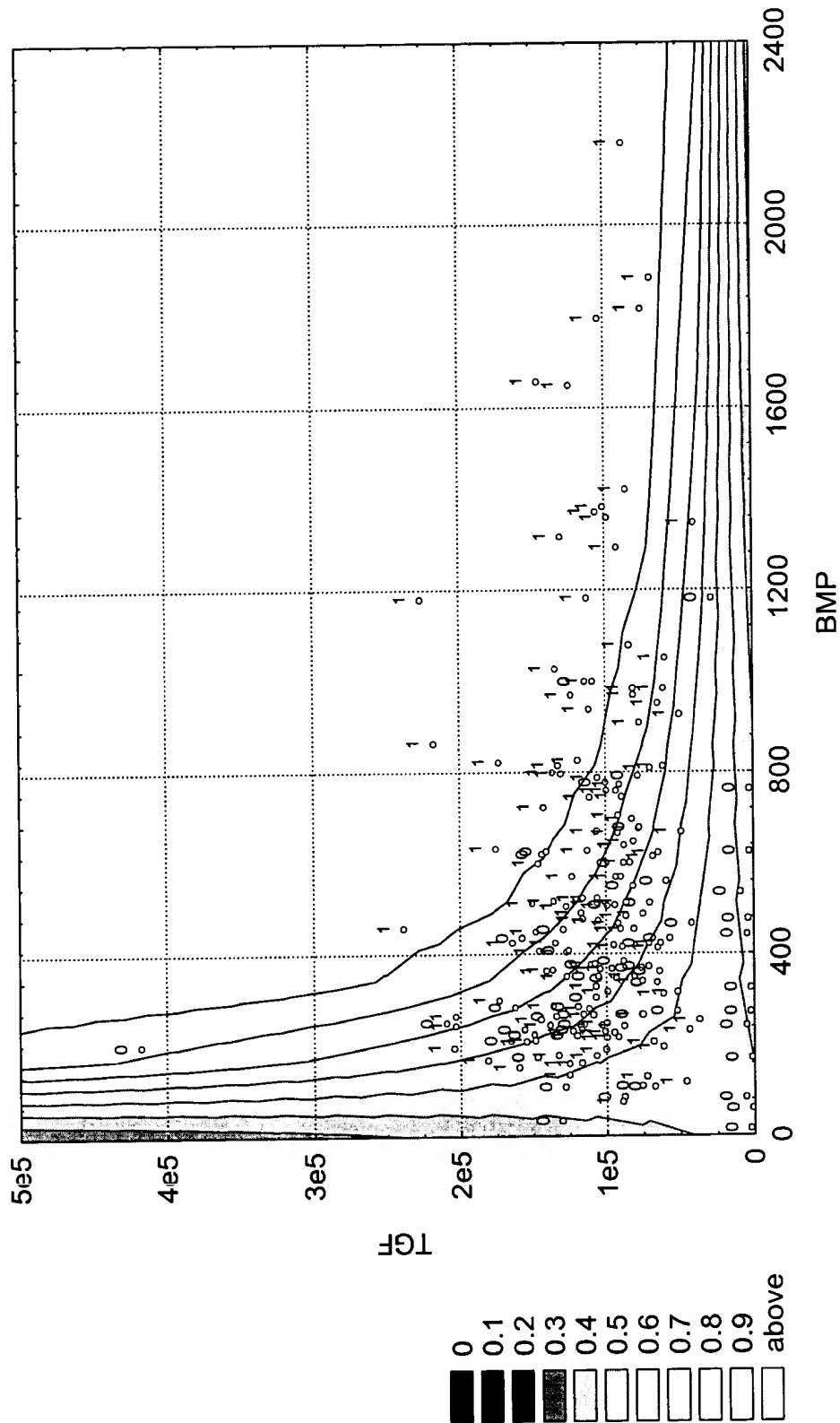


FIGURE 14

TE0020" 82246850

3D Contour Plot (Elisa.STA 10v*194c)

$$z=\exp(-0.535308+(3.10276e-8)*x*y)/(1+\exp(-0.535308+(3.10276e-8)*x*y))$$

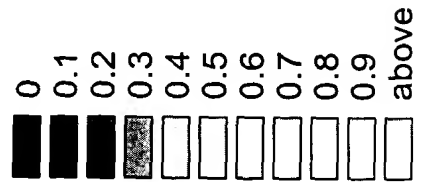
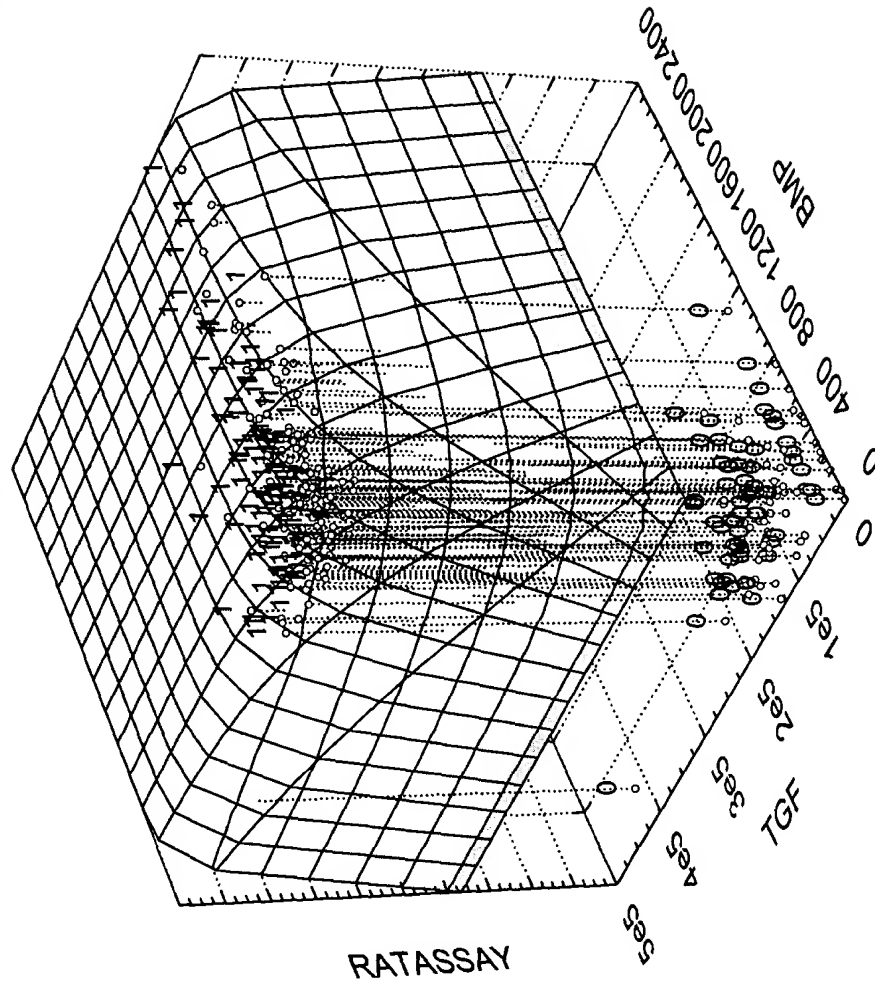


FIGURE 16

FOUO 8246860

3D Contour Plot (Elisa.STA 10v*194c)

$$z = \exp(-0.535308 + (3.10276e-8) \cdot x \cdot y) / (1 + \exp(-0.535308 + (3.10276e-8) \cdot x \cdot y))$$

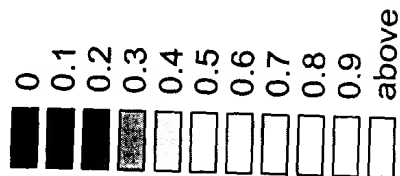
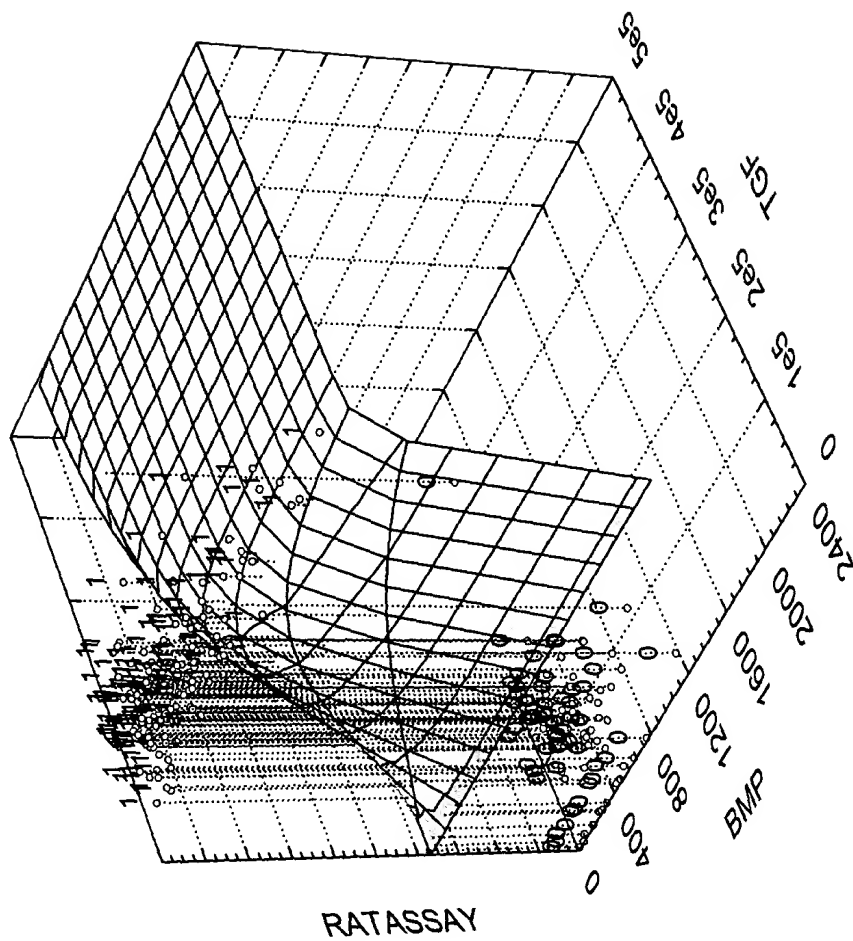


FIGURE 17

FOE020" 82426860

DRAFT CLASS

3D Contour Plot (Elisa.STA 10v*194c)

$$z=1/(1+\exp(-(-0.3123-0.0005835*x-2.240E-06*y+3.7290E-08*x*y)))$$

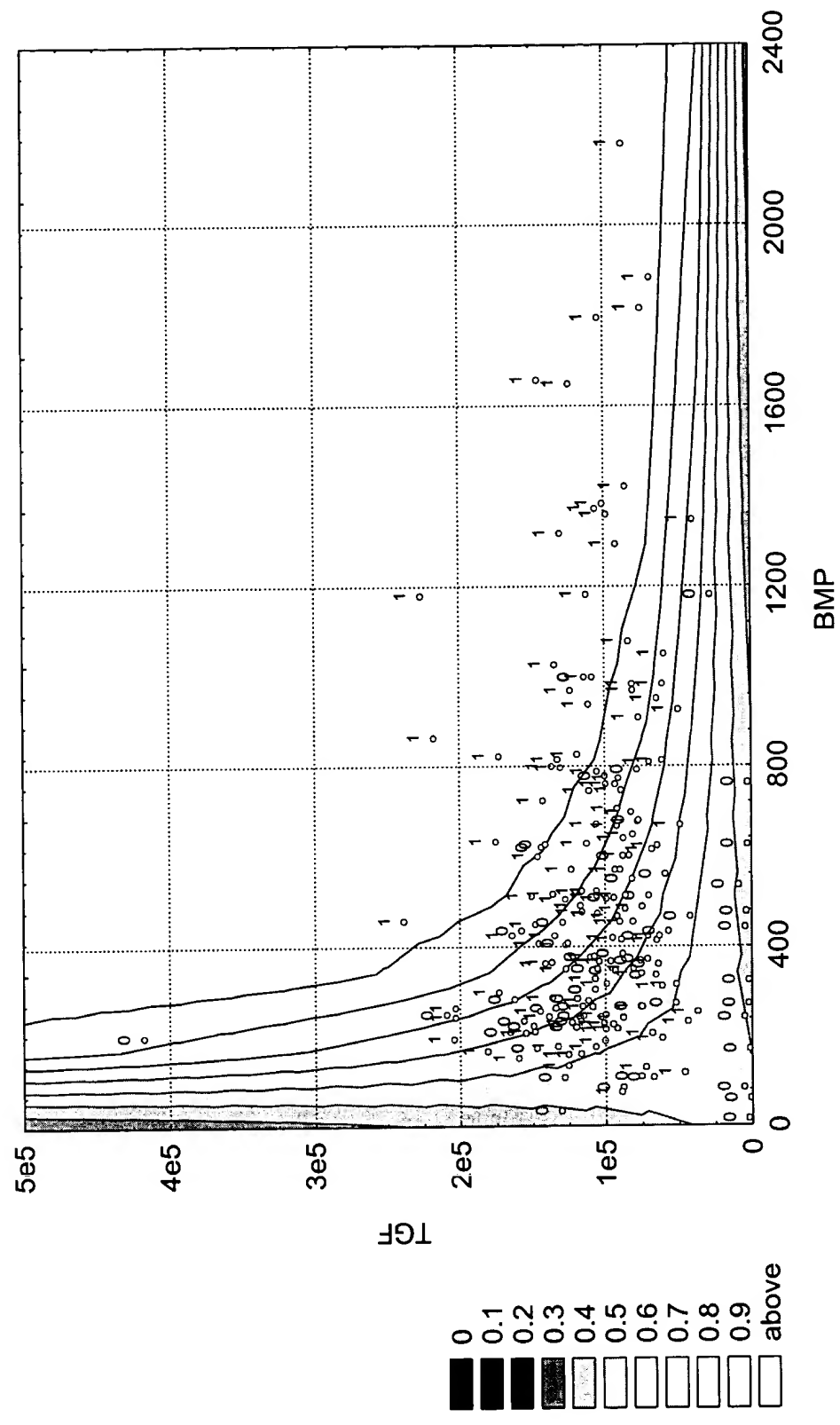


FIGURE 18

FORM 10-3226860

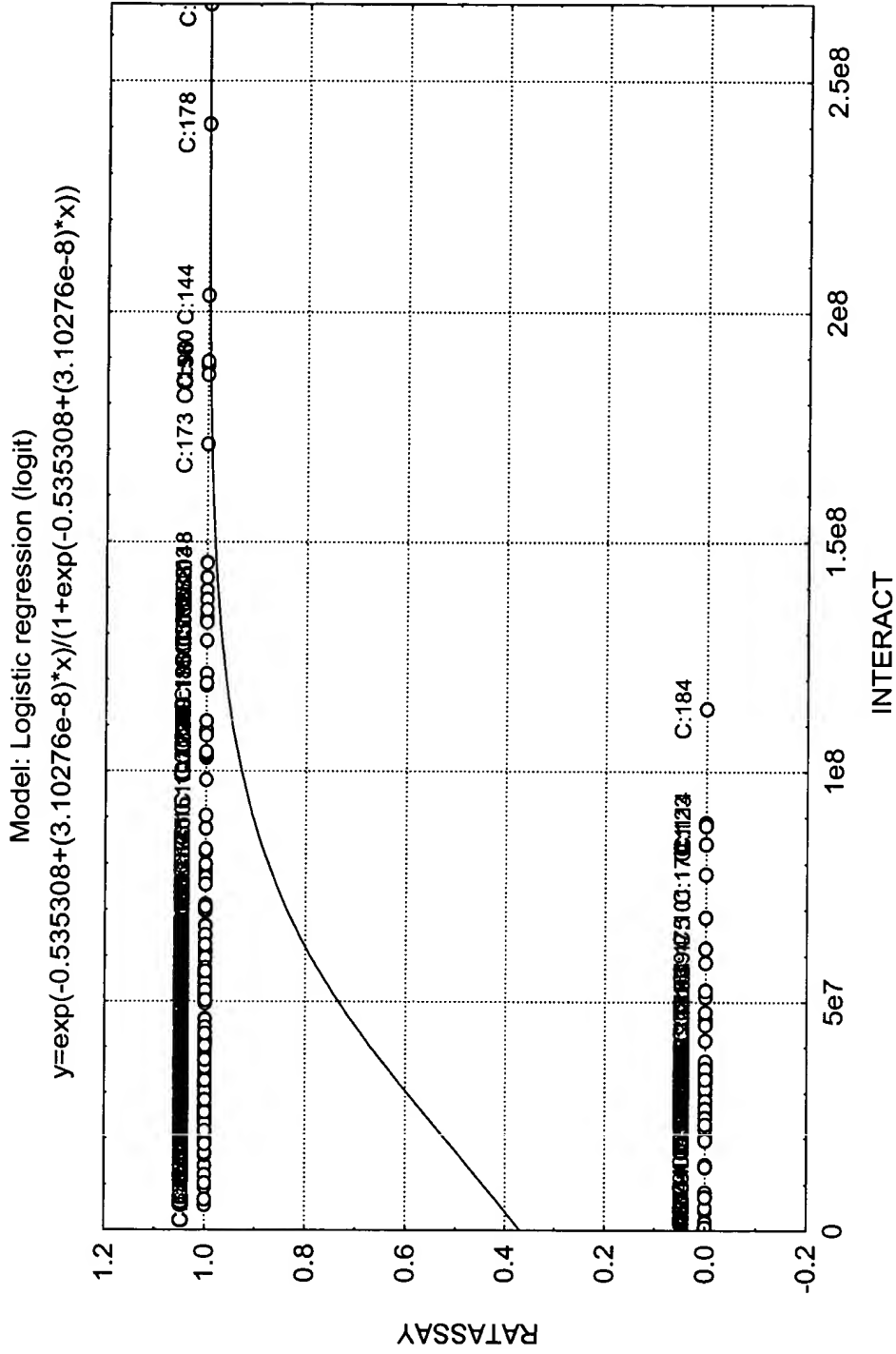


FIGURE 19